AUDIOVOX

VIDEO CASSETTE PLAYER

DC OPERATION W/SPECIALIZED TAPE MECHANISM
DLC COATED VIDEO HEAD
BACKLIGHTING FUNCTION BUTTONS

AVP-7000 OPERATING INSTRUCTIONS

RECOMMENDED GUIDELINES FOR USE OF A VIDEO MONITOR/TV IN A MOTOR VEHICLE

A VIDEO/MONITOR/TV is designed for rear passenger viewing only.
This product may be installed in the rear seat compartment of the vehicle, out of the driver's view.

- Installation in any other area of the vehicle, including anywhere within the driver's view, is illegal in most states, provinces and countries and may lead to driver distraction resulting in an accident, injury and/or death. If you are unsure of regulations regarding this, you should consult your local laws to determine how this applies to you.

- Users should be aware of the possible noise distraction caused by the use of the product and should carefully monitor the volume so as not to interefere with the driver's attention to surrounding traffic conditions.

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Thank you for purchasing AUDIOVOX VCP, developed advanced features and functions for high quality performance.
To obtain the best results and to avoid malfunction, please read the following instructions carefully before using.

WARNING: TO PREVENT ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE

AVERTISSEMENT: POUR PREVENIR LES RISQUES D'INCENDIE ET D'ELECTROCUTION, NE PAS EXPOSER CET APPAREIL ⊼ LA PLUIE NI ⊼ L'HUMIDIT⊃.

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE PLUG CAN BE FULLY INSERTED WITHOUT EXPOSING ANY PARTS OF THE BLADES.

ATTENTION: POUR ⊃VITER LES CHOCS ⊃LECTRIQUES, NE PAS UTILISER CETTE FICHE (POLARISEE) AVEC UN CORDON PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORITE DE COURANT, SAUF SI LES BROCHES PEUVENT ⊇TRE INSEREES ⊼ FOND SANS QU'AUCUNE PARTIE NE RESTE ⊼ D⊃COUVERT.

CAUTION

RISK OF ELECTRIC SHOCKS DO NOT OPEN

CAUTION: TO REDUCE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED PERSONNEL.

The lightning flash with the arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the VCP.

Note to CATV system Installer:
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

NOTE:
This equipment has been tested and found to comply with the limit for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and is not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

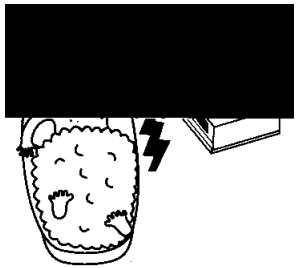
IMPORTANT SAFEGUARDS

For your protection, please read these safety instructions before operating the VCP and keep this manual for future reference.
Carefully observe all warnings, precautions, and instructions on the VCP or the ones described in the operating instructions and adhere to them.

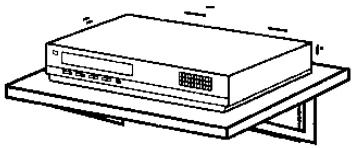
USE

Power Sources- This set should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of electrical power supplied at your home, consult your dealer or local power company. For those sets designed to operate from battery or other sources, refer to the operating instructions.

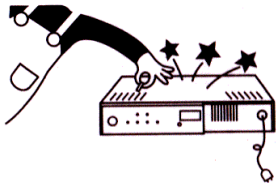
Water and Moisture- Do not use power line operated sets near water- for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.



Accessories- Do not place the set on an unstable cart, stand, tripod, bracket, or table. The set may fall, causing serious injury to a child, or an adult, and serious damage to the set. Use only a cart stand tripod, bracket, or table recommended by the manufacturer.

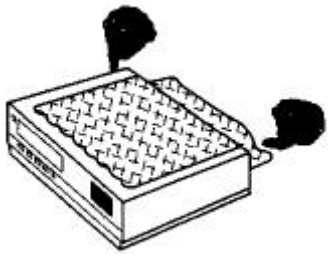


Object and Liquid Entry- Never push objects of any kind into the set through the openings as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill liquid of any kind on the set.

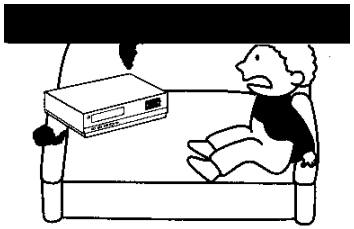


Ventilation- The slots and openings in the cabinet are provided for necessary ventilation. To ensure reliable operation of the set, and to protect it from overheating, these slots and openings must never be blocked or covered.

-Never cover these slots and openings with a cloth or other materials.



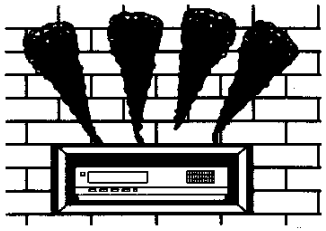
-Never block the slots and openings by placing the set on a bed, sofa, rug or other similar surface.



Attachments- Do not use attachments not recommended by the manufacturer, as they may cause hazards.

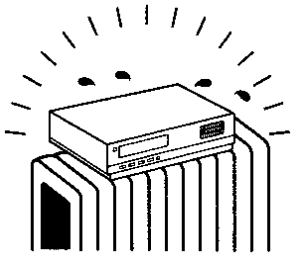
Cleaning- Unplug the set from the wall outlet before cleaning it. Do not use liquid cleaners or aerosol cleaners. Use a cloth lightly dampened with water for cleaning the exterior of the set.

-Never place the set in a confined space such as a bookcase, or built in cabinet, unless proper ventilation is provided.



Portable Cart Warning- VCP and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the VCP and cart combination to overturn.

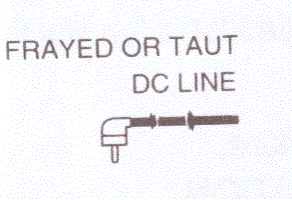
-Do not place the unit near or over a radiator, heat register, or where it is exposed to direct sunlight.



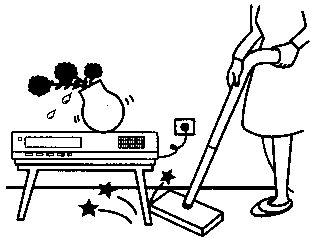
SERVICE

Damage Requiring Service- Unplug the set from the wall outlet and refer servicing to qualified service personnel under the following conditions:

-When the power cord is damaged or frayed.

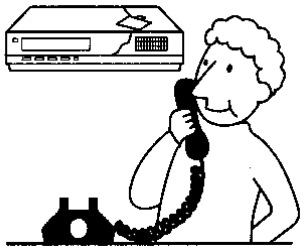


-If liquid has been spilled or objects have fallen into the set.

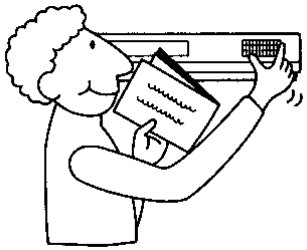


-If the set has been exposed to rain or water.

-If the set has been subject to excessive shock by being dropped, or the cabinet has been damaged.

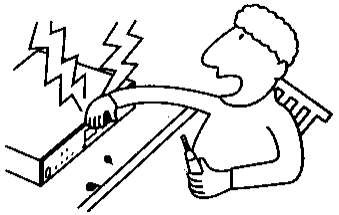


-If the set does not operate normally when following the operating instructions. Adjust only those controls that are specified in the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the set to normal operation.



- When the set exhibits a distinct change in performance this indicates a need for service.

Servicing-Do not attempt to service the set yourself as opening or removing covers may expose you to dangerous voltage or other hazards.
Refer all servicing to qualified service personnel.



Replacement parts- When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer that have the same characteristics as the original parts.
Unauthorized substitutions may result in fire, electric shock, or other hazards.

Safety Check- Upon completion of any service or repairs to the set, ask the service technician to perform routine safety checks (as specified by the manufacturer) to determine that the set is in safe operating condition.

Important Notes

- Note that main voltage is supplied to the unit whenever the main plug is connected to the power supply socket.
- To avoid the risk of electric shock, do not expose the unit to rain or moisture.
- Do not attempt to open the cabinet. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Keep the unit away from radiators or other sources of heat.
- Do not operate or store this unit close to strong magnetic fields.
- Do not spill liquid of any kind onto this unit. If liquid is accidentally spilled onto the unit, immediately remove the main plug from the supply socket, and consult a qualified service engineer.
- Avoid places subject to strong vibration.
- Do not place anything heavy on the VCP.
- Use the video player in a horizontal (flat) position only.
- Before operating, remove any paper wrapping which may have been affixed to the VCP during manufacture. DO NOT COVER VENT OPENINGS ON TOP AND SIDES OF THE PLAYER DURING OPERATION.
- When a cassette is inserted into the loading compartment, the power is switched on automatically as long as the power cord is plugged into a DC outlet. DO NOT force a cassette into the compartment when the power cord is unplugged.
- After playing a video cassette, remove it from the player. DO NOT move the player with a video cassette in the compartment.
- Store video cassettes in their sleeve or case and position them vertically.

For your protection, record the model number and serial numbers of your video cassette player here. In the event your player requires servicing or is stolen, you may need this information. You may also wish to clip or staple your sales receipt to this page.	Model Number:_____ Serial Number:_____ Date Purchased:_____ Store's Name and Address: _____ _____

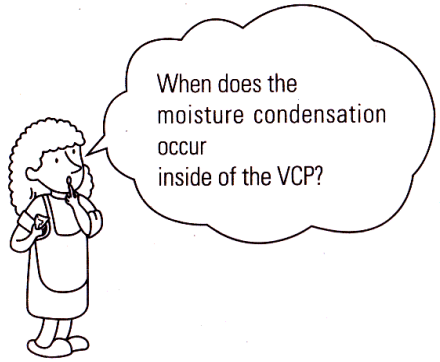
Features

1. DIGITAL AUTO TRACKING
   This VCP plays clear pictures without special operations.
   In the Auto tracking mode the play lamp will blink.

2. SELF PICTURE ADJUSTMENT

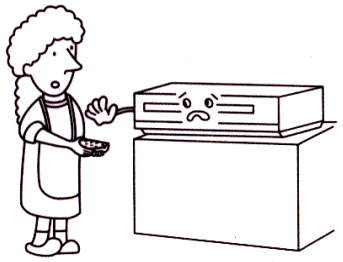
MOISTURE CONDENSATION

① At room temperature, if you pour ice water into a glass, water vapor will condense on the surface of the glass.
This moisture is condensation. The moisture condensation may occur inside of VCP's. If used in this condition, it will cause damage to the head and the tape.



② Moisture condensation may occur when the VCP is moved from a cold place to a heated place, the temperature of surroundings goes up due to the heat being switched on, or moving the VCP suddenly from an air conditioned room to a place of high humidity.

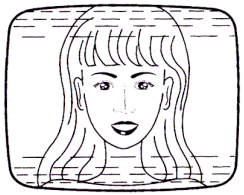
③ When the moisture condensation occurs inside the VCP, NEVER insert the tape into the cassette compartment. Remove the cassette, if loaded, by pressing the STOP/EJECT button. Only operate the VCP after the moisture has completely dries out. This normally takes about 1 hour.



VIDEO HEAD CLEANING

VIDEO HEAD CLOGGING

The video heads are the means by which the VCP reads pictures from the tape during playback. In the unlikely event that they become dirty enough to be clogged, no picture will be played back. This can easily be determined if, during playback of a known good tape, there is good sound, but the picture is snowy. If this is the case, have the video cassette checked by qualified service personnel

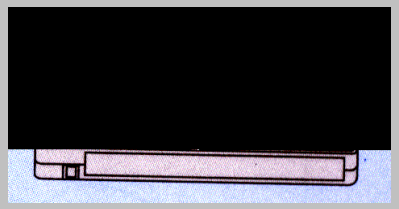
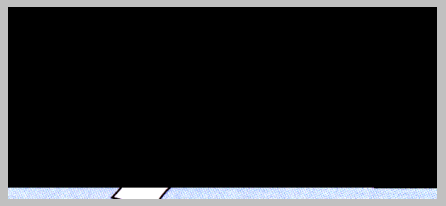
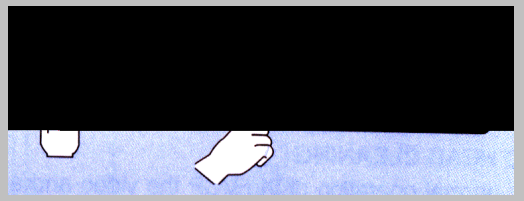
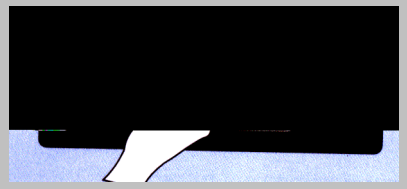


VIDEO HEAD CLEANING

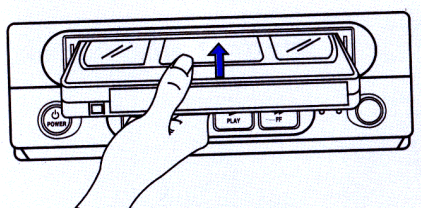
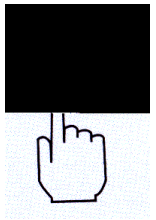
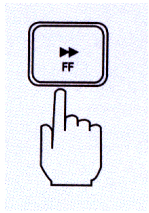
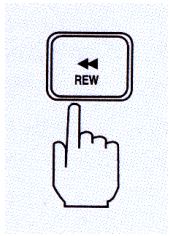
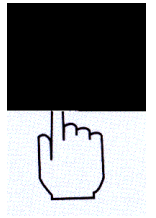
During normal operation of the VCP the video and audio heads can get dirty over a period of time, especially when using an old or poor quality tape. When the heads are dirty the picture can get snowy and the tracking control will not adjust the snow out of the picture. If this condition occurs, head cleaning cartridges may take care of this problem and restore normal picture. We recommend that the head cleaning cartridges be used sparingly due to the fact that they can be abrasive to video heads. If the problem is not resolved with the head cleaning cartridge then the unit needs to be checked by qualified service personnel.

NOTE: Video heads may eventually wear out and should be replaced when they fail to produce clear pictures. To help prevent video head clogging, use only good quality VHS tapes. Discard worn out tapes.

CASSETTE LOADING/UNLOADING

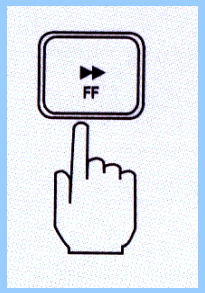
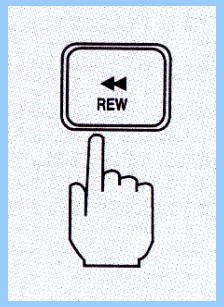
Loading	Unloading
• Push the cassette into the cassette compartment gently. (Arrow mark at the top)  An inverted cassette cannot be inserted. • The cassette-in indicator lamp is lit up.  Upon inserting the cassette, the power turns on even if the power was off as long as the DC power cord is plugged in.	• Press the STOP/EJECT key twice on the VCP (in PLAYBACK mode). This first press will stop the tape. The second press will eject the tape. The cassette-in indicator will be lit up.  • Pull the cassette out gently.  When you press the STOP/EJECT key even if the power is off, the cassette will be ejected.

BASIC OPERATIONS

① LOADING	② PLAYBACK	③ STOP
		
The power is on automatically when the cassette is inserted even if the power is off.	Press the PLAY key and the picture will appear in approximately 8 seconds. When end of tape is reached then the unit will automatically rewind tape.	Press the STOP/EJECT key once. The tape will stop.
④ FAST FORWARDING	**⑤ REWINDING**	**⑥ EJECTING**
		
Press the FF key in the STOP mode. The tape advances at a high speed without any picture and sound.	Press the REW key in the STOP mode. The tape is rewound at a high speed without any picture and sound.	Press the STOP/EJECT key once more (in the STOP mode).

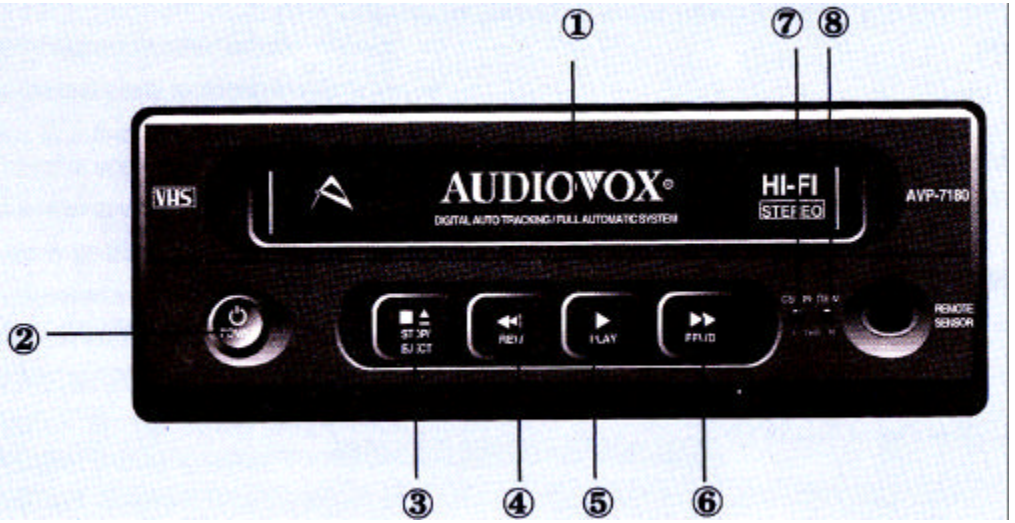
SPECIAL OPERATIONS

The VCP enters the playback mode during special operations as soon as the PLAY key is pressed. During special operations noise bars and loss of color may affect the picture. This is not a fault with this unit.

① TO VISUALLY SEARCH FORWARD	② TO VISUALLY SEARCH REVERSE	③ TO OPERATE RE-AUTO TRACKING
		
• Press the FF key once in the playback mode. Then the tape advances rapidly with the pictures. Press this key once more, and the tape will advance at a high speed.	• Press the REW key once in playback mode. Then the tape is rewound rapidly with the pictures. Press this key once more and the tape will rewind at a high speed.	• Press the PLAY key during playback and then the VCP enters the Re-Auto Tracking mode.

IDENTIFICATION

FRONT PANEL



① **Cassette Compartment**

② **Power key**

When power is supplied to the set, the power indicator lamp will always light up in red.
The Power ON and Power OFF mode will be toggled by pressing this key.
When the POWER is switched on, the power lamp will light up in red and the other keys will light up in green.

③ **Stop/Eject key**

Press this key to stop tape and once more to eject tape.

④ **Rewind/Review key**

If this key is pressed in the PLAYBACK mode, the VCP enters the reverse picture search mode. If pressed in STOP mode, then the tape will rewind at high speed. The REW indicator lamp will light up in orange.

⑤ **PLAY KEY**

Press this button to playback a recorded tape, or to release special operations such as the search modes.
In the playback mode the indicator playback Lamp will be ON in orange, and in the AUTO tracking mode this indicator lamp will blink.

⑥ **FAST FORWARD/CUE KEY**

If this key is pressed in PLAYBACK mode the VCP enters the forward picture search mode. If FF is pressed while tape is in STOP mode then unit will fast forward at high speed. When the FF key is pressed, the indicator lamp will light up in orange.

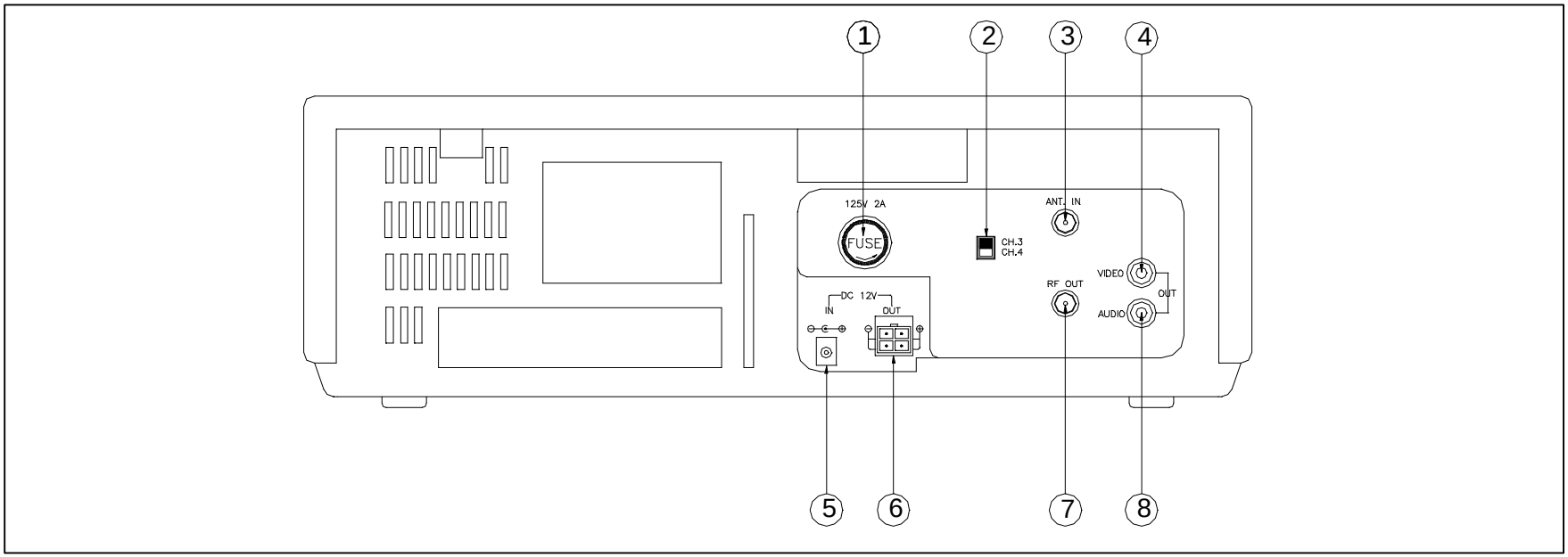
CASSETTE-IN LAMP

When the cassette is inserted, the CST-IN lamp will light up in green.

DEW LAMP

This indicator will flash (if power is on) to indicate excessive moisture has been inside of VCP. Unit will not operate till it dries out sufficiently (the tape can be ejected from unit). When DEW mode has been activated, leave unit on to allow it to dry out completely. This will take approximately 1 hour.

REAR PANEL



① **FUSE HOLDER**

The main line fuse is accessible with the External fuse holder simply by unscrewing the cap. If the main line fuse should blow then replace the fuse with a proper rated fuse (125V, 2A).

② **RF OUT CHANNEL SELECTION SWITCH**

Set the channel to 3 or channel 4, whichever is not being broadcast in your area.

③ **ANT. IN**

For connecting the TV antenna to this terminal.

④ **VIDEO OUT**

Connect this terminal to VIDEO IN terminal of your television, using the RCA cord provided.

⑤ **AUDIO OUT**

Connect this terminal to AUDIO IN terminal of your television, using the RCA cord provided.

⑥ **RF OUT**

For connection to the antenna terminal of a TV receiver through the coaxial cable.

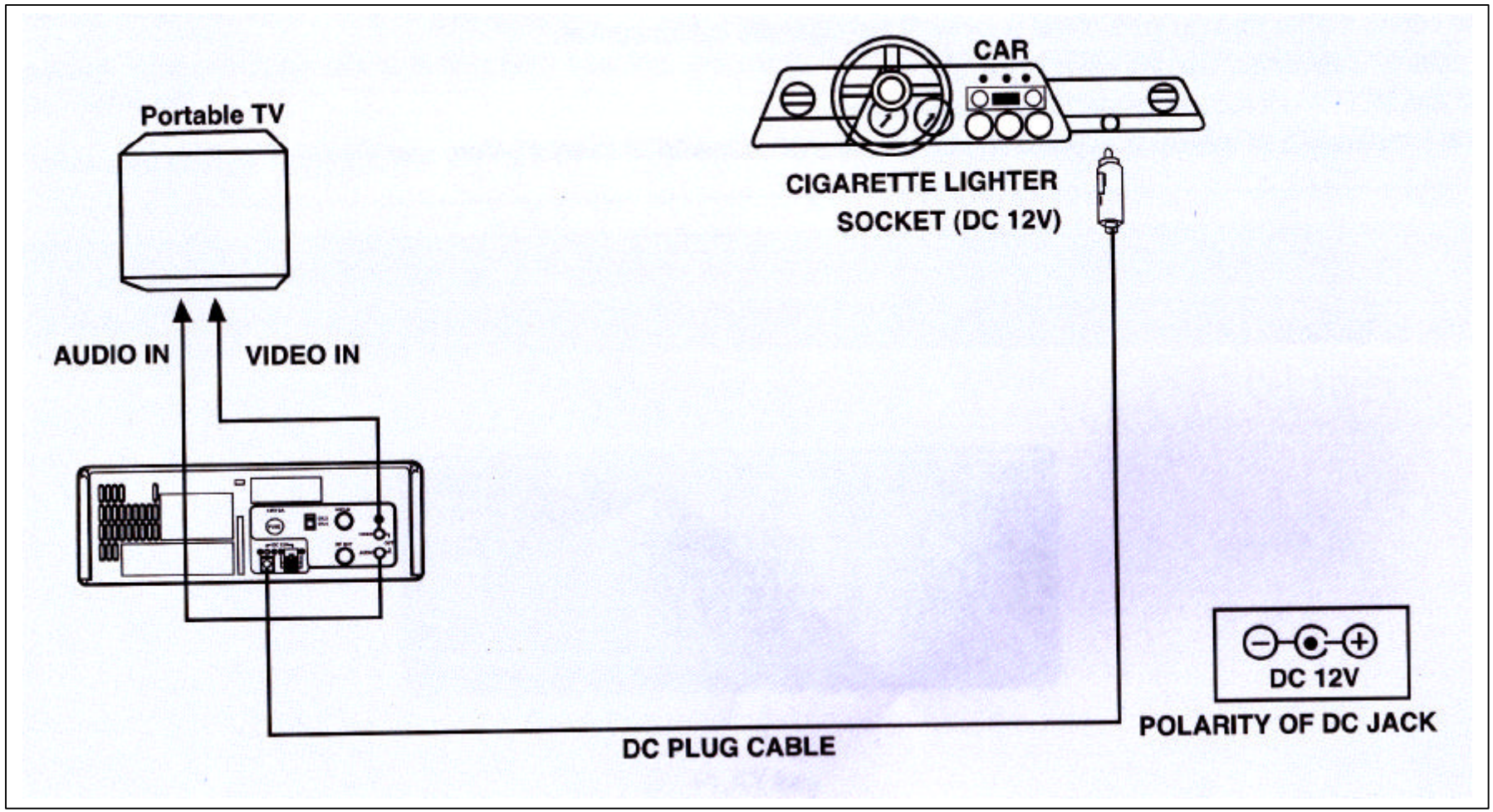
DC JACK IN

Connect this jack to DC source (DC 12V).

NOTE: This VCP is for 12V use only so do not use it in 24V vehicles.
If you use this set in a 24V vehicle, all of the lamps will blink. To avoid the malfunction of this set please disconnect the plug from the power source.

VCP TO VEHICLE CONNECTION

- You can apply this method to DC 12V output only.
- Please connect to the vehicle only after making sure of the polarity of the cigarette lighter socket. (negative earth)



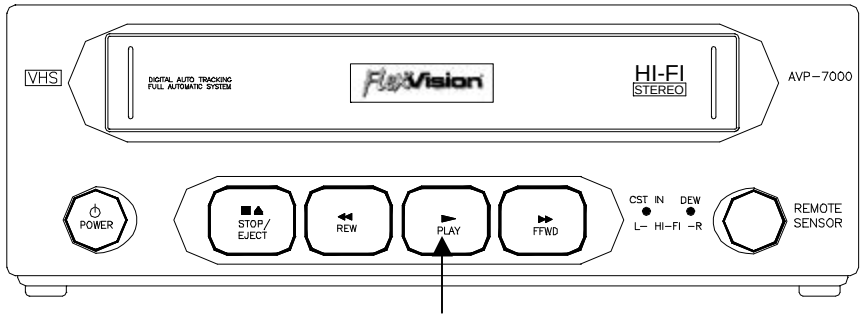
HOW TO USE THIS METHOD

- You can apply this method to only DC 12V output.
- If you apply more than 18 volts then the power will automatically turn off.
- Please connect after making sure of the polarity of the cigarette lighter socket.
- If the polarity is reversed the unit will not operate.
- Use of this VCP is not recommended in excessive heat.
- If inside temperature of vehicle is over 100 F do not use VCP. Allow VCP to cool before use.

AUTO TRACKING ADJUSTMENT

- Since this VCP has the Auto Tracking Adjustment function, it can play clear pictures without special operations.
- Auto Tracking Adjustment operates automatically when the cassette is inserted.
- Playback indicator lamp blinks during auto tracking operation. If the tracking is completed, the playback indicator lamp lights on.
- If noise bars appear in the picture during playback, press the PLAY key to operate Re-Tracking function.

NOTE: This VCP has an Auto Start Feature.
This VCP will automatically power on and go into PLAY mode when a cassette is inserted.



PLAY KEY

BEFORE CALLING SERVICE PERSONNEL

SYMPTOMS	CAUSE	POSSIBLE SOLUTIONS
POWER		
NO POWER	• The power cord is not connected • The polarity of power cord is not connected	• Connect the power cord. • Change the polarity of the power cord.
PLAYBACK		
No picture on screen when playing back a recorded tape.	• The TV is not set to the video channel, 3 or 4.	• Set your TV to the video channel, 3 or 4.
Noise bars on screen	• Tracking is not adjusted.	• Adjust the picture to be clear by pressing the PLAY key.
OTHERS		
Operation keys do not work.	• If the cassette or the VCP is not in normal condition, every indicator LED/LAMP is lit up and the VCP does not work.	• Turn off the power and turn on the power again by pressing the POWER key. • Unplug and re-plug the power cord.
Cassette is ejected upon inserting	• Safety device works to protect the cassette when it is inserted incorrectly.	• Pull the cassette out (unloading) and insert it firmly into the cassette compartment.

TROUBLESHOOTING

SYMPTOMS	CAUSE	POSSIBLE SOLUTIONS
NO POWER		Check CH Video Switch is in ON position.
No back lighting at power button.	NO 12VDC	• Check circuit fuse at source of power (see vehicle/converter manual). • In-line fuse of power cord (in lighter plug). • VCP (2 amp *20x 5mm) fuse located on rear of unit. • Power cord unplugged from 12V outlet or at rear of unit.
Power indicated with back lighting- unit will not operate.	(Unit in dew mode) Dew feature activated (see owner's manual) No tape in unit Low Voltage	• Retain power to payer and allow unit time to rid moisture. (After 30 minutes if dew indicator still on, completely switch power supply off from unit and re-supply after 1 minute. This can reset dew indicator if moisture eliminated.) • Insert tape • Start vehicle, if not running
Mode indicators flashing unit will not operate	Unit in emergency mode.	• Contact dealer for service to player
Play mode indicated no audio or video to TV	VCP connected to A/V Input jack, RCA patch cables set in TV mode.	• Switch TV to video mode with remote or switch behind door of TV.

SYMPTOMS	CAUSE	POSSIBLE SOLUTIONS
Play mode indicated no audio or Video to TV	VCP connected by (75Ù coax) antenna coax to TV. Set in “monitor mode”	• Switch to TV mode
	VCP connected to A/V output jacks. (AVT-1400 or 1475)	

SPECIFICATION

MODEL	AVP-7000
POWER SUPPLY	DC 12V
POWER CONSUMPTION	12W
DIMENSION	265 X 91 X 295 (W X H X D)mm
WEIGHT APPROX.	3.4 kg
VIDEO SIGNAL SYSTEM	NTSC COLOR
VIDEO SIGNAL, OUTPUT (RF) VHS	75Ù unbalanced AVX.
TAPE TYPE	VHS TYPE
TAPE SPEED	SP 33.35mm/sec, LP 22.23mm/sec, SLP 11.12mm/sec
FF/REW TIME (T-120)	Approx. 5 MIN.
VIDEO SIGNAL OUTLINE (LINE)	1 Vpp 75Ù unbalanced NEG. SYNC
AUDIO SIGNAL OUTPUT (LINE)	-5dBm 10k Ù MAX
OPERATING CONDITION HUMIDITY	85% Rhmax TEMPERATURE: 5C~35 C (41 F~95 F)
OPERATING POWER VOLTAGE	12~14V

ACCESSORY LIST

Description	Part Number
AVT-988 9” Color Television with Remote (12V)	AVT988
AVT-597 5” Color Television with Remote (12V)	AVT597
AVT-1498 13” Color Television with Remote (12V)	AVT1498
AVP-7000 Video Cassette Player (12V)	AVP7000
AVP-7285 video Cassette Player (12V)	AVP7285
Wireless Headphone Kit: Includes 2 sets Wireless Headphones and Transmitter	WRFKIT1
BPA-501-12 4 Amp Adapter for use with AVT-988 9” and AVT-1498 13” Televisions	0891412
AC2A- 2 Amp Adapter for use with AVT-597 5” TV and AVP-7000 Video Cassette Player	0891436
Unified Remote Control	0892325
VAC-21- 12 Volt Corded Vacuum	VAC21
AVF-1 12 Volt Rechargeable Flashlight	AVF1
HP-175 Headphones with Pivoting Ear Cup	HP175
HP-275 Headphones with Volume Control on Cord	HP275
HP-375 Studio Quality Headphones	HP375

Unlike household electronics, all of our products have been specifically designed and tested for the mobile environment and are only available through ASA. To order any of these products, please contact Audiovox Specialized Applications at www.asaelectronics.com or 800-688-3135.

90 DAY/12 MONTH LIMITED
WARRANTY
APPLIES TO AUDIOVOX VIDEO PRODUCT

Audiovox Specialized Applications, LLC (the company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 90 days from the date of original purchase, such defect(s) will be repaired or replaced (at the company's option) without charge for parts and repair labor. After the initial 90 day period and for a period of 12 months from the date of the original purchase, the company will supply at no charge a replacement for any defective part(s), but will charge for the labor to repair the product.

To obtain repair or replacement within the terms of this warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to an approved warranty station, or the Company at the address shown below.

This warranty does not extend to the elimination of externally generated static or noise, to the correction of antenna problems, to costs incurred for removal or reinstallation of the product, or to damage to any tapes, speakers, accessories, or electrical systems.

This warranty does not apply to any product or part thereof which, in the opinion of the company, has been damaged through alteration, improper installation, mishandling, misuse neglect or accident. THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE, AND , IN NO EVENT , SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE PURCHASER FOR THE PRODUCT.

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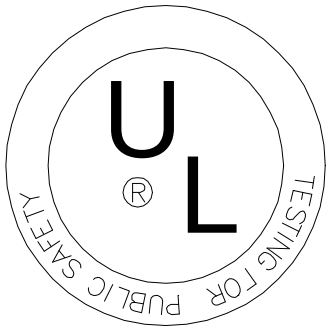

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